

09/831686

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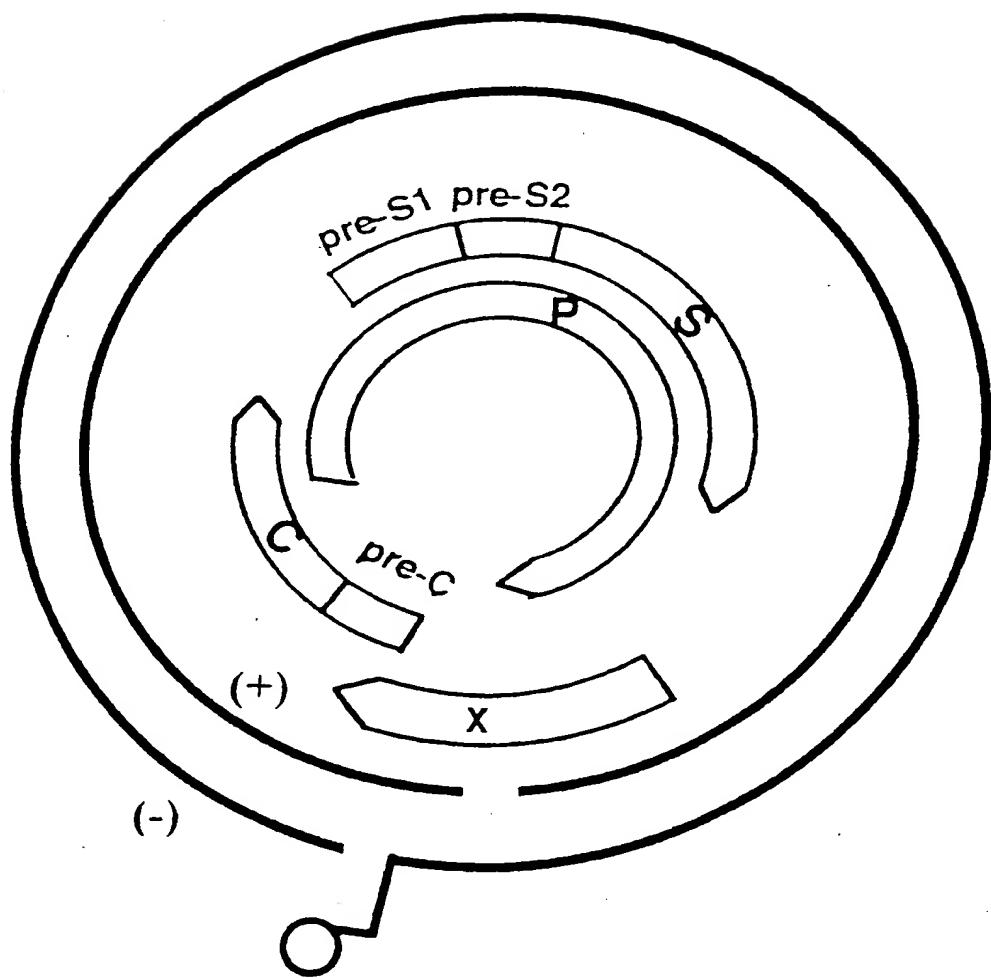


Figure 1
Substitute Sheet (Rule 26) RO/AU

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(421) 430 440 450

422 38

SNDLSWLSDL VSAAFYHI_PPL HPAAMPHLLIV GSSGLD_SRYVA

Domain A

<u>HBSAg G112R</u>	<u>T123P</u>	<u>Y/F134S</u>	<u>D144E G145R</u>
460	470	480	490
464 466	477	488	499
RLSST _N S ^R _N NI*N N _{YH} QY _H G _R ***D _N LH D _N ^Y _S CSR ^D _Q LYVS LL _M LLYK _Q TY _F GR _W			

<u>HBSAg</u>	<u>A157D</u>	<u>E164D</u>	<u>F170L</u>
500	510	520	530
512	519	523/524/526/528/530	
KLHL _Y _L S _A HPII _V LGFRKI _L PMGV _G GLSPFLLAQF TSAIC _L S _A V _M V _T R _C R			

Domain B

<u>W196L</u>		<u>W199S</u>	
<u>HBSAg</u>	<u>M195I/S196W M198I S204T</u>		<u>S210R</u>
540	550	560	
546	550 553	559	565
AFF _P HCL _V A _V FS _A Y	MDDV _L _M VLGAK _R _S _T	V _G Q _E HL _S RES _F LY _F T _A S _A	

Domain C

570	580	590
575		
I _V T _C N _S F _V LL _S _D L _V GI	HLNP _N _Q KTKRW	GYSLNFMGYI _V I G

Domain D

Domain E

Figure 2

Substitute Sheet (Rule 26) RO/AU

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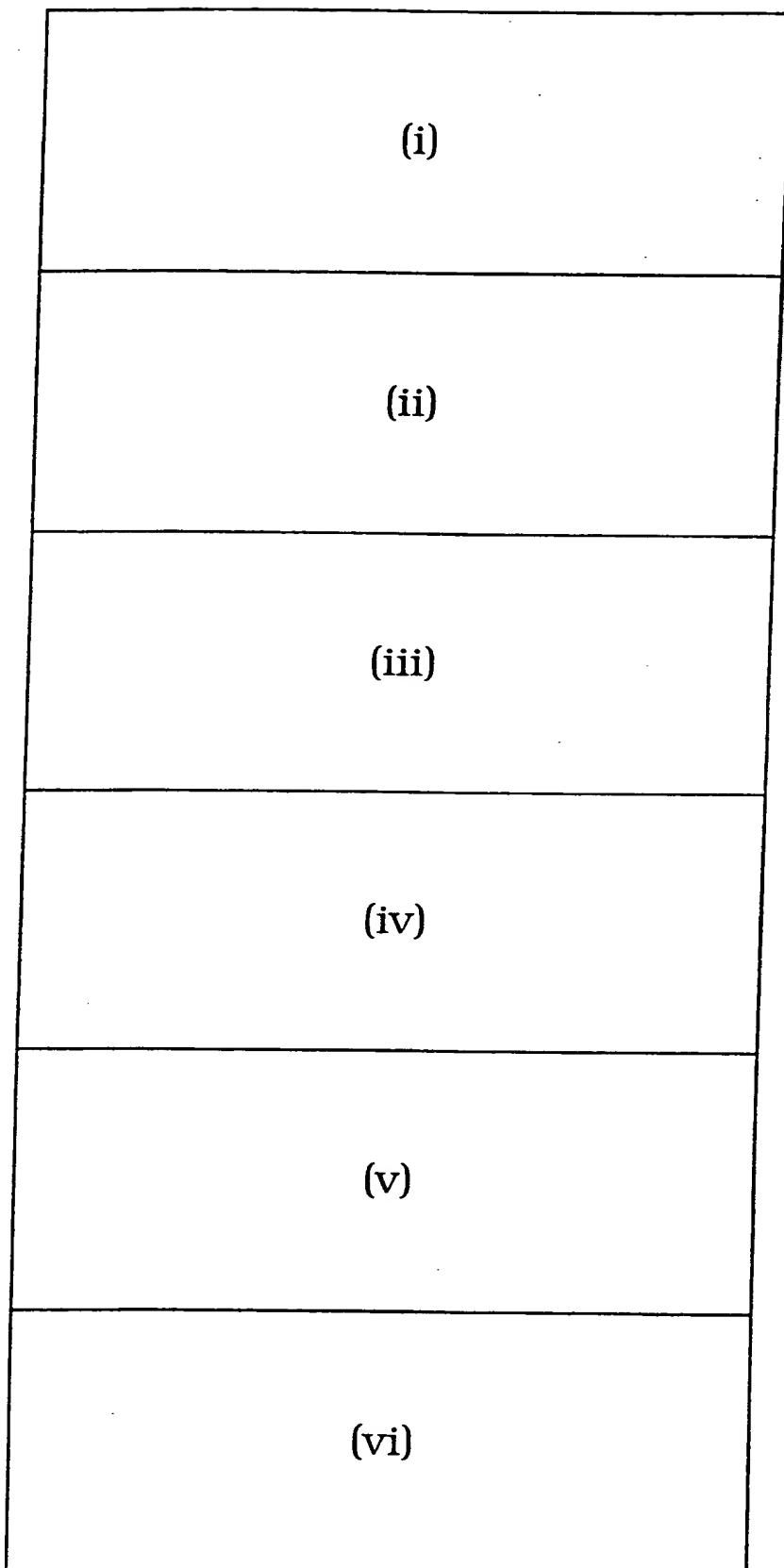


Figure 3

Substitute Sheet (Rule 26) RO/AU

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***2296/6/HPBADRCG
2221499/HPBADW3
2221500/HPBCG
62280/XXHEPAV
559439/HBVAYWE
559429/HBVAYWC
559418/HBVADW2
559408/HBVADRM
559404/HBVADR4
329640/HPBAYW
313780/HBVAYWMCG
22229417/HPBADW1

***329616/HPBADRCG
22221499/HPBADW3
22221500/HPBCG
522280/XXHEPAV
59439/HBVAYWE
594429/HBVAYWC
59418/HBVADW2
59408/HBVADRM
59404/HBVADR4
329640/HPBAYW
313780/HBVAYWMCG
22228417/HPBADW1

Figure 3(i)

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*329616/HPBADR1CG
221499/HPBADW3
2221500/HPBBCG
62280/XXHEPAV
59439/HBVAYWE
59429/HBVAYWC
59418/HBVADW2
59408/HBVADRM
59404/HBVADR4
329640/HPBAYW
313780/HBVAYUMCG
2229417/HPBADW1

•329616/HPBADR1CG
221499/HPBADW3
221500/HPBKG
62280/XXHEPAV
59439/HBVAYWE
59429/HBVAYWC
59418/HBVADW2
59408/HBVADRM
59404/HBVADR4
329640/HPBAYW
313780/HBVAYWMCG
2229417/HPBADW1

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*329616/HPBADR1CG
2221499/HPBADW3
2221500/HPBCG
62280/XXHEPAV
59439/HBVAYWE
59429/HBVAYWC
59418/HBVADW2
59408/HBVADRM
59404/HBVADR4
329640/HPBAYW
313780/HBVAYWMCG
2229417/HPBADW1

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	A	S	V	R	F ₁₇₀	S	W	L	S	L	L	V	P	
329616/HPBADR1CG	GCC	CTC	AGT	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
221499/HPBADW3	GCC	CTC	AGT	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
221500/HPBCG	GCC	CTC	AGT	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
62280/XXHEPAV	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
59439/HBVAYWE	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
59429/HBVAYWC	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
59418/HBVADW2	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
59408/HBVADRM	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
59404/HBVADR4	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
329640/HPBAYW	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
313780/HBVAYWMCG	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		
229417/HPBADW1	GCC	CTC	AG	CCG	T	T	C	C	CTGGCTCAG	TTACTA	G	TGCCCAT		

*329616/HPBADR1CG
 221499/HPBADW3
 221500/HPBCG
 62280/XXHEPAV
 59439/HBVAYWE
 59429/HBVAYWC
 59418/HBVADW2
 59408/HBVADRM
 59404/HBVADR4
 329640/HPBAYW
 313780/HBVAYWMCG
 229417/HPBADW1

	F	V ₁₈₀	Q	W	F	V	G	L	S	P	T	V ₁₉₀	W ₁₉₁	L ₁₉₂
329616/HPBADR1CG	T	T	G	T	A	G	G	T	T	C	T	G	T	T
221499/HPBADW3	T	T	G	T	A	G	G	T	T	C	T	G	T	T
221500/HPBCG	T	T	G	T	A	G	G	T	T	C	T	G	T	T
62280/XXHEPAV	T	T	G	T	A	G	G	T	T	C	T	G	T	T
59439/HBVAYWE	T	T	G	T	A	G	G	T	T	C	T	G	T	T
59429/HBVAYWC	T	T	G	T	A	G	G	T	T	C	T	G	T	T
59418/HBVADW2	T	T	G	T	A	G	G	T	T	C	T	G	T	T
59408/HBVADRM	T	T	G	T	A	G	G	T	T	C	T	G	T	T
59404/HBVADR4	T	T	G	T	A	G	G	T	T	C	T	G	T	T
329640/HPBAYW	T	T	G	T	A	G	G	T	T	C	T	G	T	T
313780/HBVAYWMCG	T	T	G	T	A	G	G	T	T	C	T	G	T	T
229417/HPBADW1	T	T	G	T	A	G	G	T	T	C	T	G	T	T

*329616/HPBADR1CG
 221499/HPBADW3
 221500/HPBCG
 62280/XXHEPAV
 59439/HBVAYWE
 59429/HBVAYWC
 59418/HBVADW2
 59408/HBVADRM
 59404/HBVADR4
 329640/HPBAYW
 313780/HBVAYWMCG
 229417/HPBADW1

Figure 3(iv)

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<u>S₁₉₃</u>	<u>V₁₉₄</u>	<u>I₁₉₅</u>	<u>W₁₉₆</u>	<u>M₁₉₇</u>	<u>M₁₉₈</u>	<u>W₁₉₉</u>	<u>Y₂₀₀</u>	<u>W₂₀₁</u>	<u>G₂₀₂</u>	<u>P₂₀₃</u>	<u>S₂₀₄</u>	<u>L₂₀₅</u>
TTCAGTTATATGGATGATGTTGGTATTGGGCCAAGTCTG	TTCAGCTATATGGATGATGTTGGTATTGGGCCAAGTCTG	TTCAGCTATATGGATGATGTTGGTATTGGGCCAAGTCTG	TTCAGCTATATGGATGATGTTGGTATTGGGCCAAGTCTG	TTCAGCTATATGGATGATGTTGGTATTGGGCCAAGTCTG	TTCAGCTATATGGATGATGTTGGTATTGGGCCAAGTCTG	TTCAGCTATATGGATGATGTTGGTATTGGGCCAAGTCTG						
59418/HBVADW2	59408/HBVADRM	59404/HBVADR4	329640/HBVAYW	313780/HBVAYWMCG	229417/HPBADW1							
'329616/HPBADRCG	221499/HPBADW3	221500/HPBCG	62280/XXHEPAV	59439/HBVAYWE	59429/HBVAYWC							

<u>Y</u>	<u>N</u>	<u>I</u>	<u>L</u>	<u>S₂₁₀</u>	<u>P</u>	<u>F</u>	<u>L</u>	<u>P</u>	<u>L</u>	<u>P</u>	<u>I</u>	<u>-</u>
TACAACATCTTGAGTCCTTTAACCTCTATTACCAATT												
59418/HBVADW2	59408/HBVADRM	59404/HBVADR4	329640/HBVAYW	313780/HBVAYWMCG	229417/HPBADW1							
'329616/HPBADRCG	221499/HPBADW3	221500/HPBCG	62280/XXHEPAV	59439/HBVAYWE	59429/HBVAYWC							

Figure 3(v)

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*329616/HPBADR1CG
221499/HPBADW3
221500/HPBCG
62280/XXHEPAV
59439/HBVAYWE
59429/HBVAYWC
59418/HBVADW2
59408/HBVADM
59404/HBVADR4
329640/HPBAYW
313780/HBVAYWMCG
2229417/HPBADW1

Figure 3(vi)

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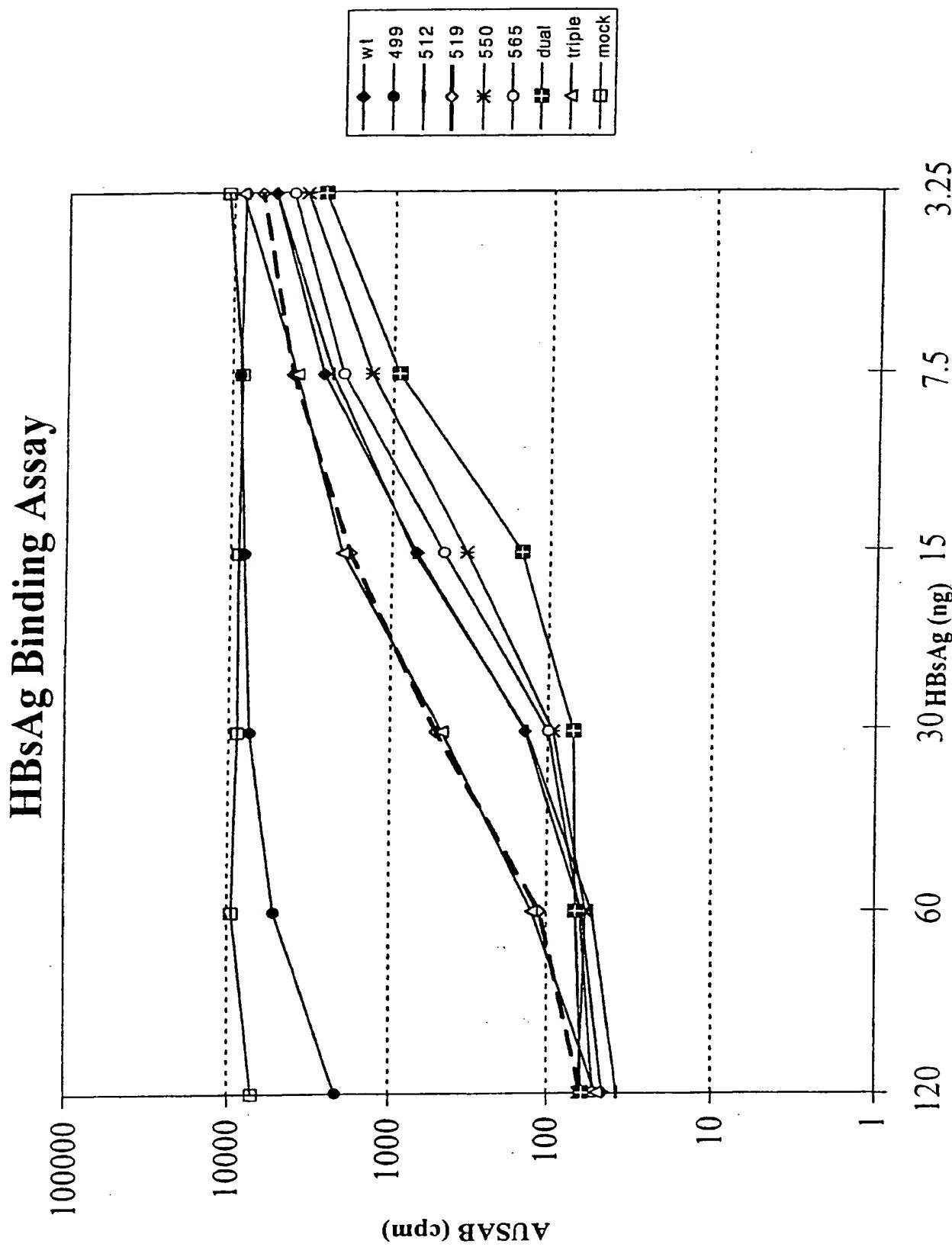


Figure 4